



ABSTRACT

A method for measuring substances that carries out both sample preparation and detection of substances in a sample, in accordance with the photothermal conversion detection method, in a capillary of a microchip, whereby the quantity of substances, such as hemoglobin and ALP, can be measured from a very small amount of sample obtained from the constituents of living organism simply and easily and in a very short period of time. In addition, the method allows the wastes caused by the measurements to be small. The method uses laser light having a long wave length as excitation light, whereby the photothermal conversion detection device can be manufactured and the measurements can be carried out at low costs.